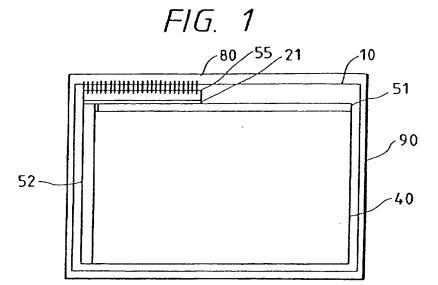
U.S. Patent



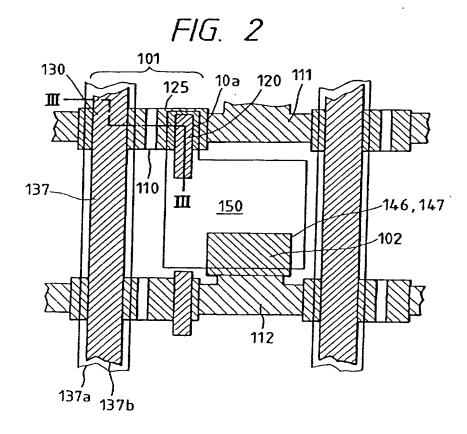
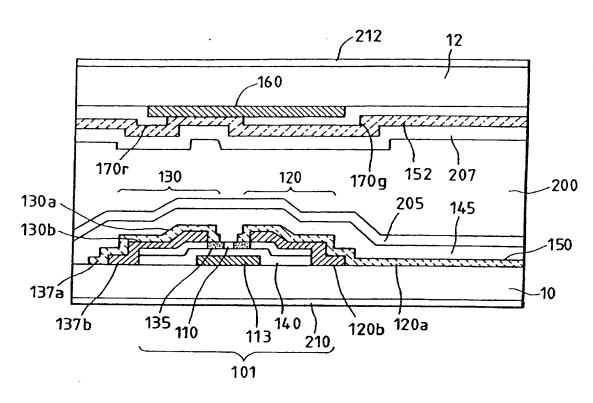


FIG. 3



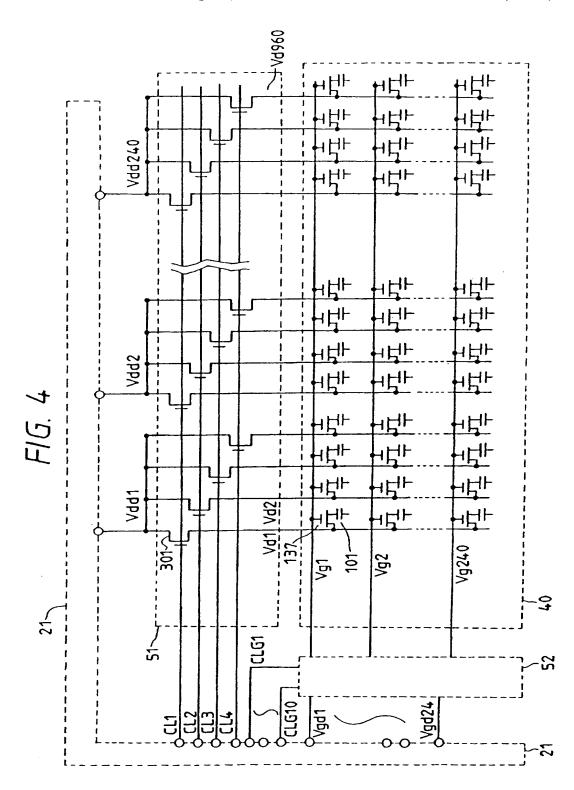
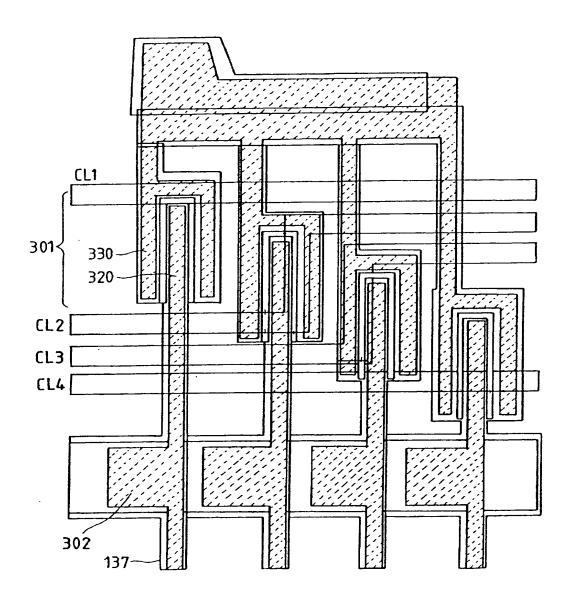


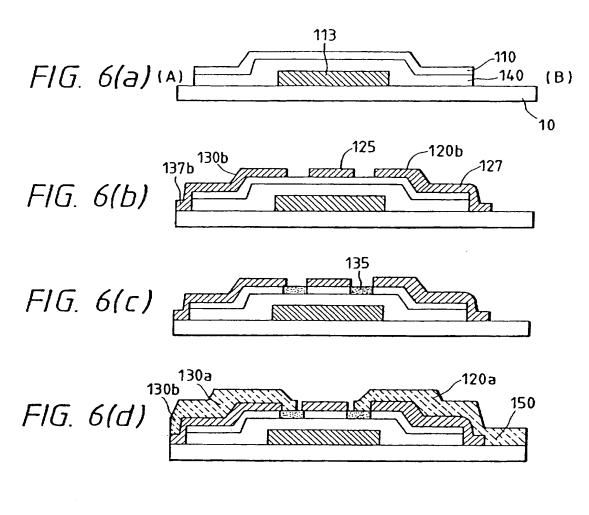
FIG. 5

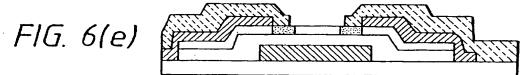


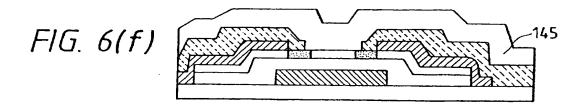
17 (1.1) (1.1) (1.1) (2.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1) (1.1)

Aug. 25, 1998

Sheet 5 of 13

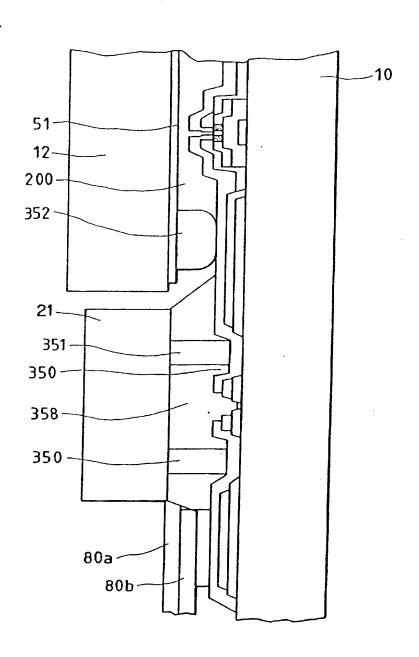






U.S. Patent

FIG. 7



Aug. 25, 1998

Sheet 7 of 13

FIG. 8

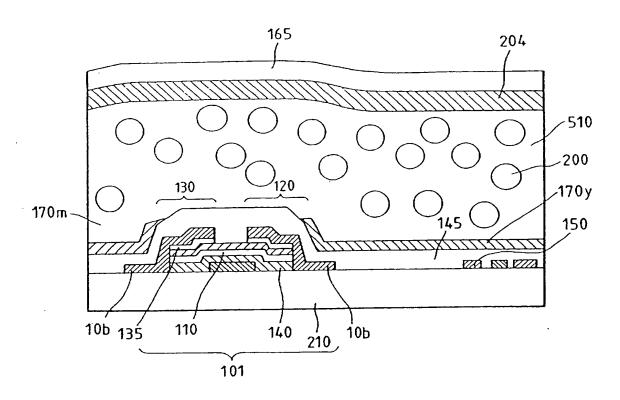


FIG. 9

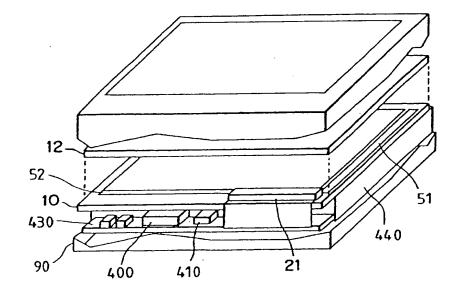
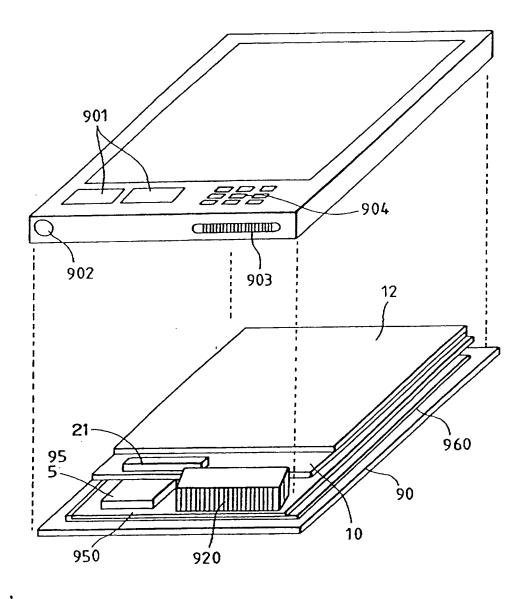


FIG. 10



Aug. 25, 1998

Sheet 9 of 13

FIG. 11

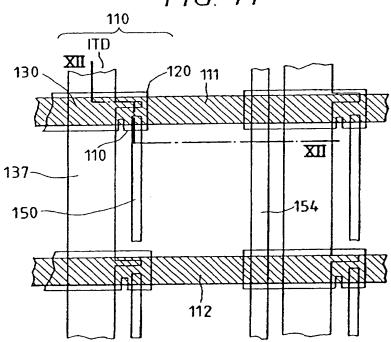


FIG. 12

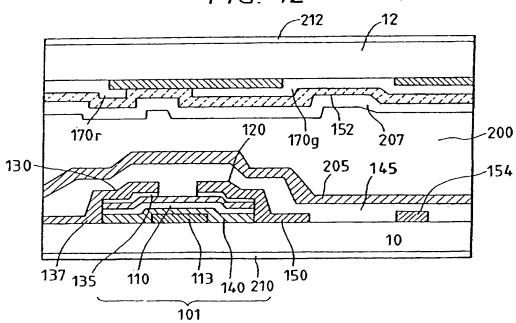


FIG. 13

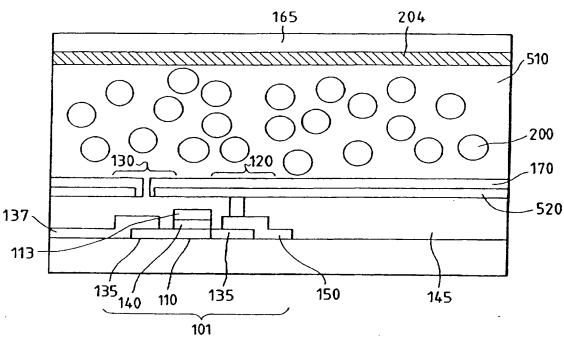
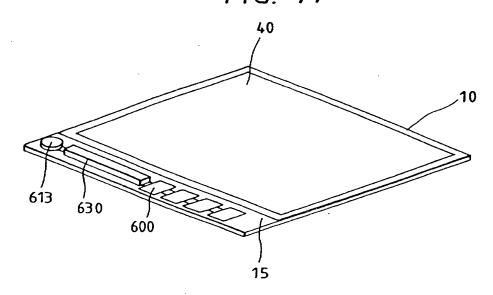


FIG. 14



Aug. 25, 1998

Sheet 11 of 13

FIG. 15

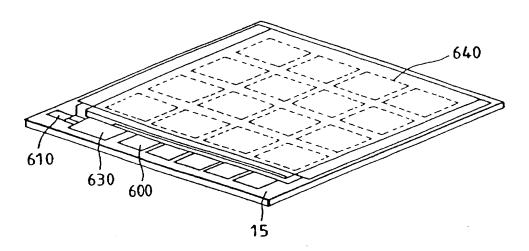


FIG. 16

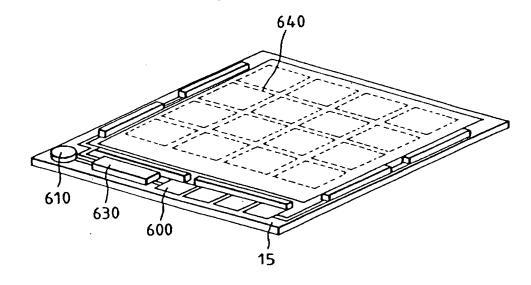
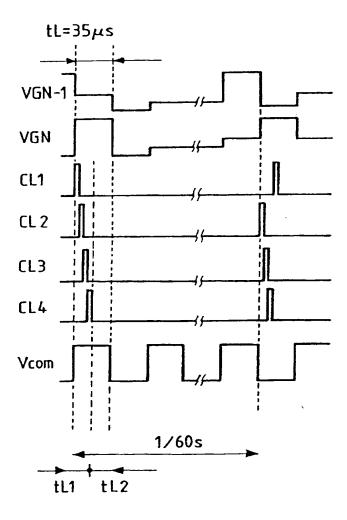


FIG. 17



Sheet 13 of 13

FIG. 18

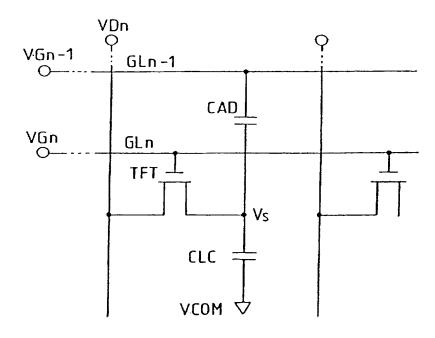
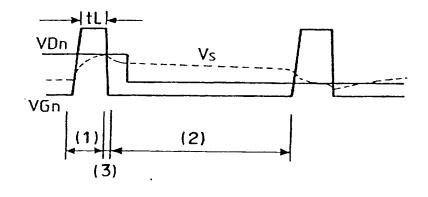


FIG. 19



The first start and the first start start